

ABSTRACT:

A robust GMR or TMR effect type multilayer structure comprising a free and a pinned ferromagnetic layer, with a wide magnetic field range is described, as required, for example in automotive applications. The improvement is obtained by using an odd number of non-adjacent ferromagnetic layers in an exchange-biased Artificial Anti-Ferromagnet as the

5 pinned layer.

Fig. 1

PHNL000361